



39015-6(15270.75):JVD:361096

WEMMH/SB/08A (4/03)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet 1 of 5		<b>Complete if Known</b>	
		Application Number	10/772,574
		Filing Date	February 5, 2004
		First Named Inventor	Ronald G. Thieman
		Group Art Unit	3721
		Examiner Name	Hemant Desai
		Attorney Docket Number	39015-6 (15270.75)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
HMD		2001/0005973	07/05/2001	Schneider et al.	
		2001/0002504	06/07/2001	Provan et al.	
		3,202,559	08/24/1965	Laguerre	
		3,426,396	02/11/1969	Laguerre	
		3,701,191	10/31/1972	Laguerre	
		4,199,845	04/29/1980	Ausnit	
		4,241,865	12/30/1980	Ferrell	
		4,262,395	04/21/1981	Kosky	
		4,415,386	11/15/1983	Ferrell et al.	
		4,581,006	04/08/1986	Hugues et al.	
		4,874,257	10/17/1989	Inagaki	
		4,890,935	01/02/1990	Ausnit	
		4,894,975	01/23/1990	Ausnit	
		4,945,714	08/07/90	Bodolay et al	
		5,007,142	04/16/1991	Herrington	
		5,007,143	04/16/1991	Herrington	
HMD		5,010,627	04/30/1991	Herrington et al.	
		5,020,194	06/04/1991	Herrington et al.	

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
HMD		GB 2 085 519 A	04/28/1982			
		EP 0 098 392 A2	01/18/1984			
		WO 99/36325	07/22/1999			
		WO 99/56947	11/11/1999			
		WO 98/57863	12/23/1998			
		WO 00/02722	01/20/2000			
		EP 0 689 993	04/14/1999			
HMD		WO 99/65353	12-23-1999			

Examiner Signature	Hemant M. Desai	Date Considered	12/15/05
--------------------	-----------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
		Application Number	10/772,574
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	February 5, 2004
		First Named Inventor	Ronald G. Thieman
		Group Art Unit	3721
		Examiner Name	Hemant Desai
(use as many sheets as necessary)		Attorney Docket Number	39015-6 (15270.75)
Sheet	2	of	5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
HMD		5,024,537	06/18/1991	Tilman	
		5,063,644	11/12/1991	Herrington et al.	
		5,067,208	11/26/1991	Herrington Jr. et al.	
		5,070,583	12/10/1991	Herrington	
		5,085,031	02/04/1992	McDonald	
		5,088,971	02/18/1992	Herrington	
		5,103,546	04/14/1992	Rossini et al.	
		5,131,121	07/21/1992	Herrington, Jr. et al.	
		5,140,796	08/25/1992	Pope	
		5,152,613	10/06/1992	Herrington, Jr.	
		5,161,286	11/10/1992	Herrington, Jr. et al.	
		5,167,608	12/01/1992	Steffens, Jr. et al.	
		5,179,816	01/19/1993	Wojnicki	
		5,189,764	03/02/1993	Herrington et al.	
		5,211,482	05/18/1993	Tilman	
		5,247,781	09/28/1993	Runge	
		5,283,932	02/08/1994	Richardson et al.	
		5,301,394	04/12/1994	Richardson et al.	
		5,301,395	04/12/1994	Richardson et al.	
		5,400,568	03/28/1995	Kanemisue et al.	
		5,405,478	04/11/1995	Richardson et al.	
		5,417,035	05/23/1995	English	
		5,425,216	06/20/1995	Ausnit	
		5,426,830	06/27/1995	Richardson et al.	
		5,431,760	07/11/1995	Donovan	
		5,435,864	07/25/1995	Machacek et al.	
		5,442,838	08/22/1995	Richardson et al.	
		5,448,807	09/12/1995	Herrington, Jr.	
		5,448,808	09/12/1995	Gross	
HMD		5,461,845	10/31/1995	Yeager	

Examiner Signature	Hemant M. Desai	Date Considered	12/15/05
--------------------	-----------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/772,574		
		Filing Date	February 5, 2004		
		First Named Inventor	Ronald G. Thieman		
		Group Art Unit	3721		
		Examiner Name	Hemant Desai		
Sheet	3	of	5	Attorney Docket Number	39015-6 (15270.75)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
Hand		5,482,375	01/09/1996	Richardson et al.	
		5,505,037	04/09/1996	Terminella et al.	
		5,525,363	06/11/1996	Herber et al.	
		5,557,907	09/24/1996	Malin et al.	
		5,561,996	10/08/1996	English	
		5,622,431	04/22/1997	Simonsen	
		5,638,586	06/17/1997	Malin et al.	
		5,664,299	09/09/1997	Porchia et al.	
		5,669,715	09/23/1997	Dobreski et al.	
		5,722,128	03/03/1998	Toney et al.	
		5,775,812	07/07/1998	St. Phillips et al.	
		5,809,621	09/22/1998	McCree et al.	
		5,816,018	10/06/1998	Bois	
		5,826,401	10/27/1998	Bois	
		5,833,791	11/10/1998	Bryniarski et al.	
		5,836,056	11/17/1998	Porchia et al.	
		5,857,310	01/12/1999	Bois	
		5,867,875	02/09/1999	Beck et al.	
		5,871,281	02/16/1999	Stolmeier et a.	
		5,884,452	03/23/1999	Bois	
		5,896,627	04/27/1999	Cappel et al.	
		5,938,337	08/17/1999	Provan et al.	
		5,951,453	09/14/1999	Yeager	
		5,953,796	09/21/1999	McMahon et al.	
		5,956,924	09/28/1999	Thieman	
		6,000,197	12/14/1999	Ausnit	
Hand		6,003,582	12/21/1999	Blohowiak et al.	

Examiner Signature	Hemant M. Desai	Date Considered	12/15/05
-----------------------	-----------------	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	
				10/772,574	
				Filing Date	
				February 5, 2004	
				First Named Inventor	
		Ronald G. Thieman			
Group Art Unit		3721			
Examiner Name		Hemant Desai			
Attorney Docket Number		39015-6 (15270.75)			
Sheet	4	of	5		

(use as many sheets as necessary)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
hmd		6,012,264	01/11/2000	Linkiewicz	
		6,032,437	03/07/2000	Bois	
		6,071,011	06/06/2000	Thomas et al.	
		6,085,491	07/11/2000	Bois	
		6,088,887	07/18/2000	Bois	
		6,110,090	08/29/2000	Ausnit	
		6,110,586	08/29/2000	Johnson	
		6,115,892	09/12/2000	Malin et al.	
		6,117,060	09/12/2000	Bodolay	
		6,131,369	10/17/2000	Ausnit	
		6,131,370	10/17/2000	Ausnit	
		6,131,374	10/17/2000	Bois	
		6,138,439	10/31/2000	McMahan et al.	
		6,161,271	12/19/2000	Schreiter	
		6,178,722	01/30/2001	McMahon	
		6,199,256	03/13/2001	Revnew et al.	
		6,209,287	04/03/2001	Thieman	
		6,212,857	04/10/2001	Van Erden	
		6,213,640	04/10/2001	Bois	
		6,216,423	04/17/2001	Thieman	
		6,244,021	06/12/2001	Ausnit et al.	
		6,261,000	07/17/2001	Bois	
		6,279,298	08/28/2001	Thomas et al.	
		6,286,189	09/11/2001	Provan et al.	
		6,286,999	09/11/2001	Cappel et al.	
		6,289,561	09/18/2001	Provan et al.	
		6,292,986	09/25/2001	Provan et al.	
hmd		6,293,896	09/25/2001	Buchman	

Examiner Signature	Hemant M. Desai	Date Considered	12/15/05
--------------------	-----------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



RECEIVED  
CENTRAL FAX CENTER

SEP 29 2005

PTO/SB/08A (09-07)

Approved for use through 01/31/2006. OMB 0661-0091

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Complete if Known	
				Application Number	10/772,574
				Filing Date	2/5/2004
				First Named Inventor	THEIMAN
				Group Art Unit	3721
				Examiner Name	Desai, Hemant
				Attorney Docket Number	39015-6
Sheet	1	of	1		
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.	Document Number Number-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
HMD		8,273,607 B1	08-14-2001	Buchman	X
		6,364,530 B1	04-02-2002	Buchman	
		US 10/852,572	08-29-2003	filed, Provan Reissue Applicatio	
		US 2003/0054931 A1	03-20-2003	Buchman et al.	
	US 2003/0185845 A1	10-02-2003	Buchman		

Examiner Signature	Hemant M. Desai	Date Considered	12/15/05
--------------------	-----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 422 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing this form, call 1-800-PTO-0199 (1-800-780-0199) and select option 2.